

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Shunpei YAMAZAKI et al. ) ATTN: New Applications  
Based On: JP 2002-276379 )  
Filed: September 20, 2002 )  
For: MANUFACTURING METHOD )  
OF SEMICONDUCTOR DEVICE )

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

U.S. Patent No. 6,475,912 is in the family of Japanese Patent Laid-Open No. 2000-58650.

U.S. Patent Publication 2001/0015618 is in the family of Japanese Patent Laid-Open No. 2001-236025.

U.S. Patent Publication 2001/0030322 is in the family of Japanese Patent Laid-Open No. 2001-313397.

U.S. Patent No. 6,413,845 is in the family of Japanese Patent Laid-Open No. 2000-357671.

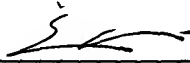
The Examiner's attention is also directed to related U.S. Patent Application Serial No. 10/245,701.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be

required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.

A duplicate copy of this sheet is attached.

Respectfully submitted,



---

Eric J. Robinson  
Reg. No. 38,285  
Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number <sup>1</sup>	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	
0756-7196					

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,015,724		Yamazaki	01/18/2000	
		4,033,833		Bestel et al.	07/05/1977	
		5,726,461		Shimada et al.	03/10/1998	
		6,359,320		Yamazaki et al.	03/19/2002	
		5,851,918		Song et al.	12/22/1998	
		5,929,948		Ohuri et al.	07/27/1999	
		6,509,616		Yamazaki	01/21/2003	
		2001/0010370		Kimura et al.	08/02/2001	
		6,413,845		Izumi et al.	07/02/2002	
		6,515,365		Higashi et al.	02/05/2003	
		6,573,602		Seo et al.	06/03/2003	
		6,509,649		Sugai	01/21/2003	
		6,479,900		Shinogi	12/12/2000	

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Stanley Wolf "4.5.6.3 Contact-Hole and Via Filling with Selective Electroless Metal Deposition," Silicon Processing for the VLSI Era, Vol. 2, Process Integration, pp. 256-257	
		M. Hatano et al., "A Novel Self-Aligned Gate-Overlapped LDD Poly-Si TFT with High Reliability and Performance," IEDM 97, pp. 523-526	
		U.S. Patent Application Serial No. 10/245,701 entitled Semiconductor Device and Method of Manufacturing the Same filed 09/18/2002	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	
				0756-7196	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,475,912		Harada	11/05/2002	
		2001/0015618		Yamazaki et al.	08/23/2001	
		2001/0030322		Yamazaki et al.	10/18/2001	
		2002/0070382		Yamazaki et al.	06/13/2002	
		2002/0079503		Yamazaki et al.	06/27/2002	
		2003/0090002		Sugawara et al.	05/15/2003	
		6,031,290		Miyazaki et al.	02/29/2000	
		5,889,291		Koyama et al.	03/30/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)				
		JP	2000-058650			02/25/2000		Abst.
		JP	2001-236025			08/31/2001		Abst.
		JP	2001-254169			09/18/2001		Abst.
		JP	2002-353167			12/06/2002		Abst.
		JP	2001-313397			11/09/2001		Abst.
		JP	06-148685			05/27/1994		Abst.
		JP	07-235680			09/05/1995		Abst.
		JP	08-274336			10/18/1996		Abst.
		JP	2000-357671			12/26/2000		Abst.
		JP	10-090711			04/10/1998		Abst.
		EP	0 989 614			03/29/2000		Eng.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		M.A. Baldo et al., "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophoresence," Applied Physics Letters, Vol. 75, No. 1, July 5, 1999, pp. 4-6	
		Tsutsui et al., High Quantam Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center," Japanese Journal of Applied Physics, Vol. 38, Part 12B, December 15, 1999, pp. L1502-L1504	
		M.A. Baldo et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices," Nature, Vol. 395, September 10, 1998, pp. 151-154	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)